ORDER NO. AD9012328C1
A6

Service Manual

Power Amplifier

Amplifier

SE-CH10

Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

Color

(K) . . . . . Black Type

Area

Country Code	Area	Color
(P)	U.S.A.	(K)

System: SC-CH10

SPECIFICATIONS

Power output:	
WOOFER;	50 Hz~1.2 kHz, 0.9% 2×30 W (6Ω)
TWEETER;	1.2 kHz~20 kHz, 0.9% 2×6 W (8Ω)
REAR;	1 kHz, 0.9% 2×6 W (8Ω)
Total harmonic distortion half power at 1 kHz:	0.07% (6Ω)
Headphones output level/ impedance:	300 mV/330Ω

Power consumption:	130 W
Power supply:	AC 120 V, 60 Hz
Dimensions (W×H×D):	215×110×287 mm ($8^{15}/_{32}$″×$4^{11}/_{32}$″×$11^{5}/_{16}$″)
Weight:	5.2 kg (11.5 lb.)

Notes:

1. Specifications are subject to change without notice.
2. Weight and dimensions are approximate.
3. Total harmonic distortion is measured by the digital spectrum analyzer.

System	Tuner/CD player	Control Amplifier	Power Amplifier	Cassette Deck	Speakers
SC-CH10	SL-CH10	SU-CH10	SE-CH10	RS-CH10	SB-CH10

Panasonic®

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NOTES:
Refer to the service manual for Model No. SU-CH10, Order No. AD9012330C1 for information on ACCESSORIES, INSTALLATION OF THE SYSTEM, CONNECTIONS and PACKAGING.

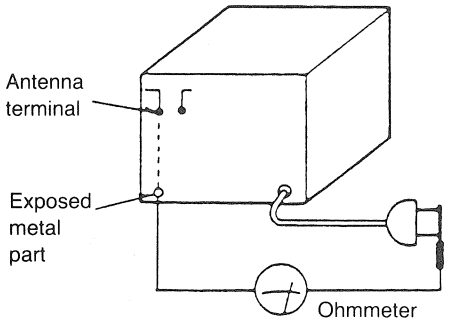
SAFETY PRECAUTION

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer's recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barries, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

●INSULATION RESISTANCE TEST

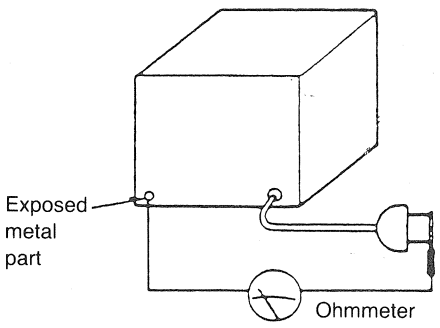
1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
2. Turn on the power switch.
3. Measure the resistance value with ohmmeter between the jumpered AC plug and each exposed metal cabinet part, such as screwheads antenna, control shafts, handle brackets, etc. Equipment with antenna terminals should read between 3 MΩ and 5.2 MΩ to all exposed parts. (Fig. A) Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig. B)

Note: Some exposed parts may be isolated from the chassis by design. These will read infinity.



(Flg. A)

Resistance=3 MΩ–5.2 MΩ



(Flg. B)

Resistance=Approx. ∞

4. If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.

BEFORE REPAIR

(1) Turn off the power supply. Using a 10Ω, 10 W resistor, connect both ends of power supply capacitors (C703, C704) in order to discharge the voltage.

(2) Before turning the power supply on, after completion of repair, slowly apply the primary voltage by using a power supply voltage controller to make sure that the consumed current at 120 V, 60 Hz in NO SIGNAL mode is **275~825 mA**.

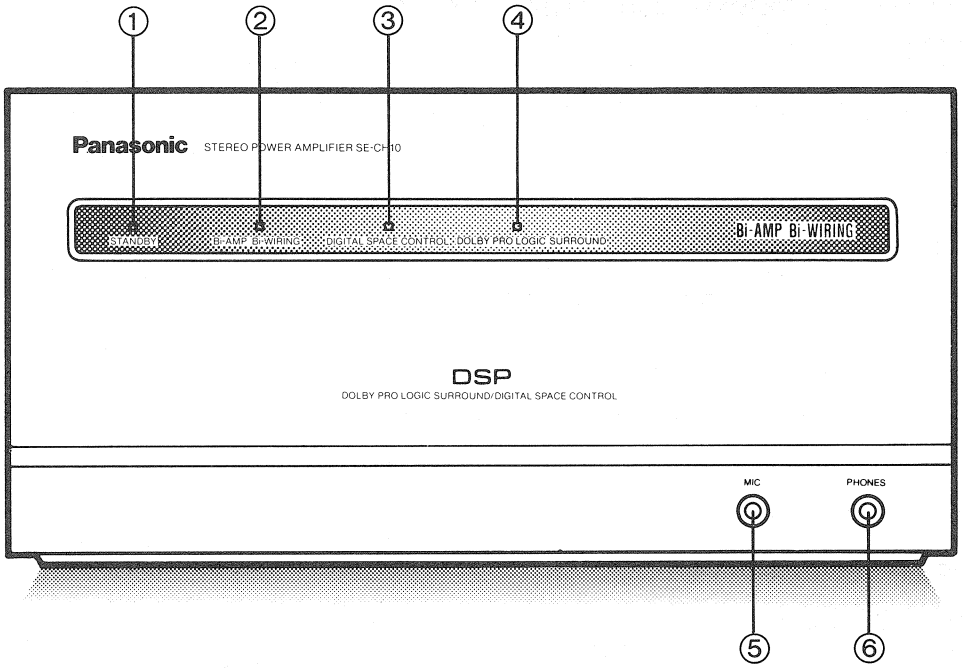
PROTECTION CIRCUITRY

The protection circuitry may have operated if either of the following conditions is noticed:
*No sound is heard when the power is switched ON.
*Sound stops during a performance.
The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of this unit are used.
If this occurs, follow the procedure outlined below:

1. Switch OFF the power.
2. Determine the cause of the problem and correct it.
3. Switch ON the power once again.

Note:
When the protection circuitry functions, the unit will not operate unless the power is first switched OFF and then ON again.

LOCATION OF CONTROL



① Standby indicator

This indicator illuminates when the power switch of this unit or that of the remote control is switched "OFF". Its purpose is to alert the user of the constant supply voltage to the internal circuitry even with the power switch OFF.
For this unit, even if this switch is switched to the "STANDBY" position, there is still a slight power consumption of about 11 watts; this is in order to assure the retention of the preset-memory functions.

② Bi-Amp/Bi-Wiring indicator

Illuminates when the power is turned "ON".

③ Digital Space Control indicator

This indicator illuminates when the Digital Space Control function on the control amplifier is turned ON.

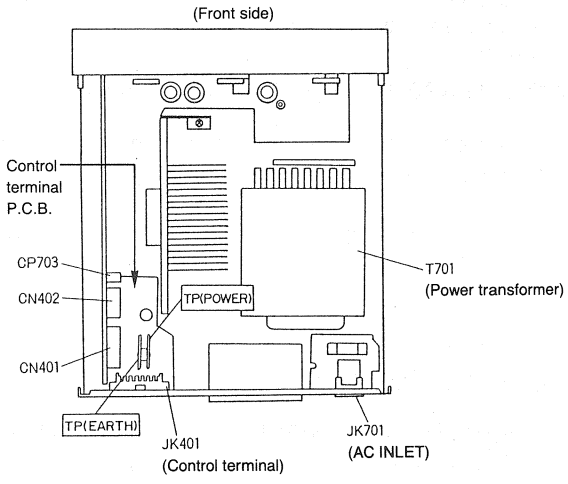
④ Dolby Pro-Logic Surround indicator

When the Dolby Pro-Logic Surround function on the control amplifier is turned ON, this indicator will be illuminated.

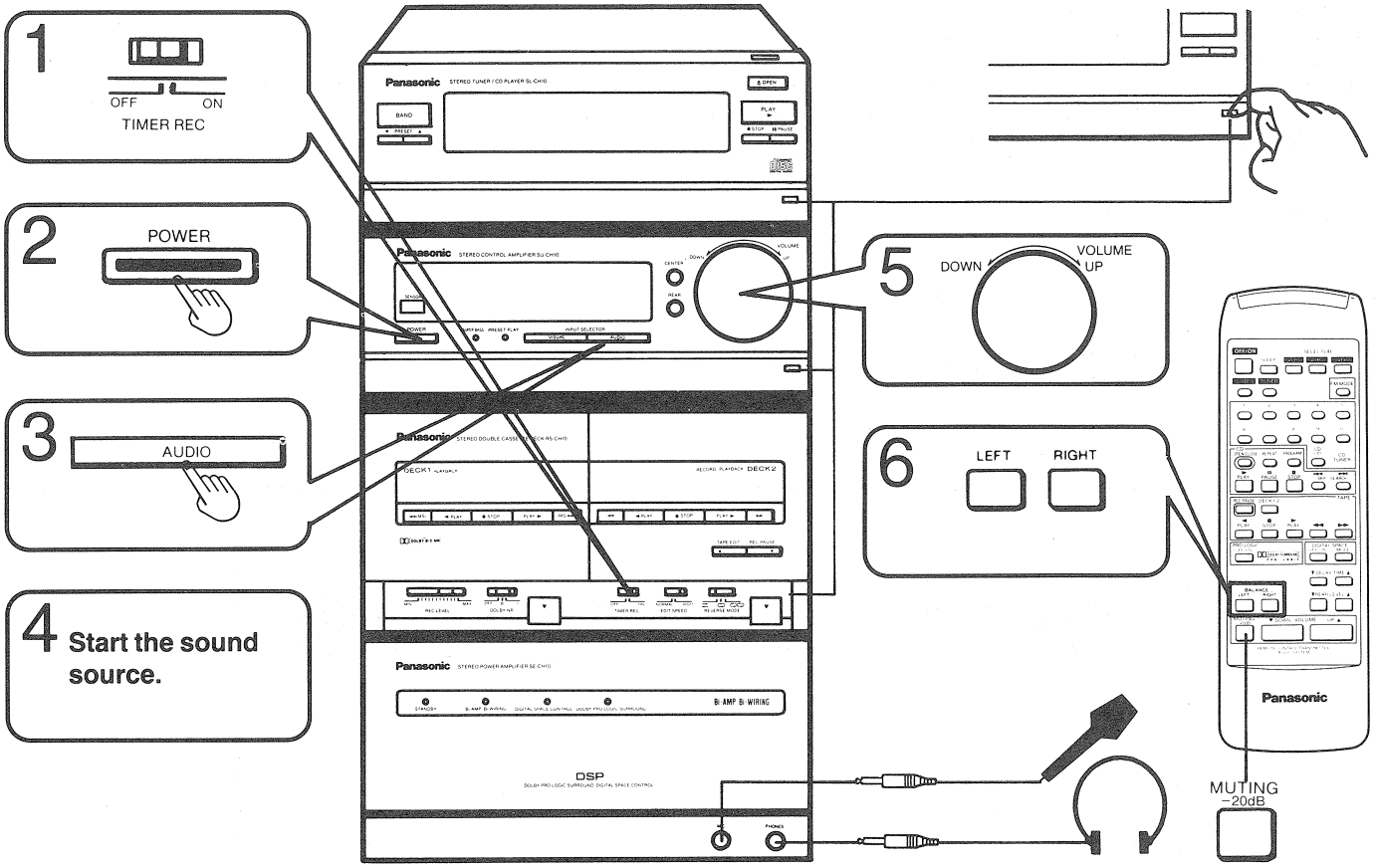
⑤ Microphone jack (MIC)

⑥ Headphones jack (PHONES)

Because the SE-CH10 has no power switch, short-circuit between TP (EARTH) and TP (POWER) on the control terminal P.C.B. for power on and off.



Basic Operating Procedure



1 **Set the timer recording selector to OFF.**

2 **Set the power switch to ON.**

3 **Select the desired source.**
Each time the audio input selector button is pressed, CD, TUNER and TAPE will be alternately be displayed.

4 **Start the sound source.**

5 **Adjust the volume level.**
If the audio output has been muted with the muting button on the remote control transmitter (the muting indicator is lit), the muted state can be cancelled by pressing the muting button once again or setting the volume level to the "–– dB" position.

6 **Adjust the left-right volume balance.**
Perform fine balance adjustment while playing the selected music source.
The balance indication on the control amplifier display is only a rough guide.

While enjoying playback

How to use the microphone (not included)

Connect the microphone to the microphone jack after reducing the volume level.

If strange noises (squealing or howling) are emitted during mixing, either change the direction of the microphone or turn down the volume.

It is possible to record the singing voice accompanying the tuner, tape or CD.

Plug type: Monaural mini

How to use headphones (not included)

Connect the headphones to the headphones jack after reducing the volume level.

Speakers are automatically cut off when the headphones are connected.

When using headphones, avoid listening at excessive volume levels for extended time periods.

You cannot enjoy the benefits of Dolby Pro-Logic Surround while using headphones. Also, even when using headphones with this system, the sound from the center speaker will not be cut off.

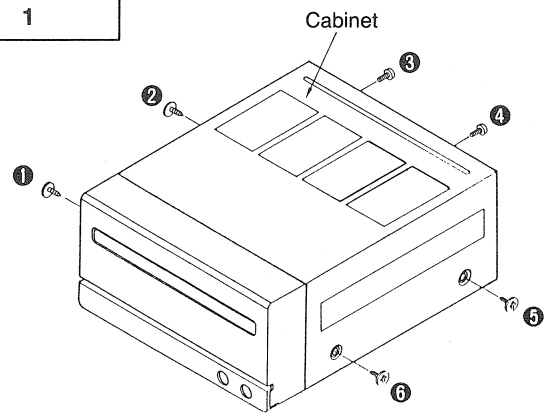
Plug type: Stereo mini

To open the door

Pressing the small projection on the door will open it.

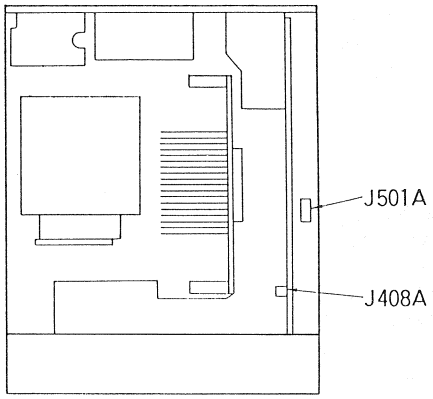
DISASSEMBLY INSTRUCTIONS

Ref. No. 1	Removal of the Cabinet
Procedure 1	

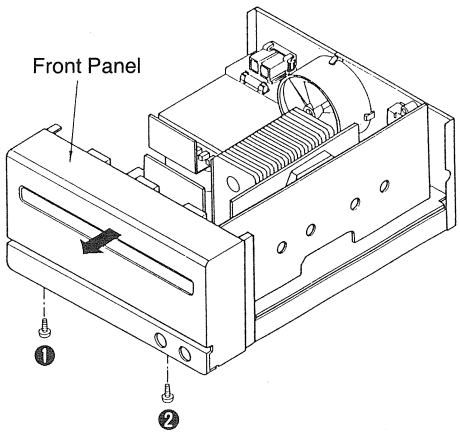


•Remove 6 screws (❶~❻).

Ref. No. 2	Removal of the Front Panel
Procedure 1→2	

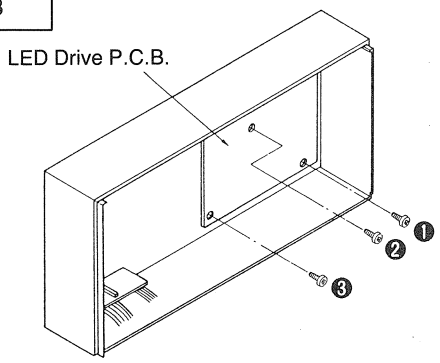


1. Release 2 flat cables (J408A, J501A).



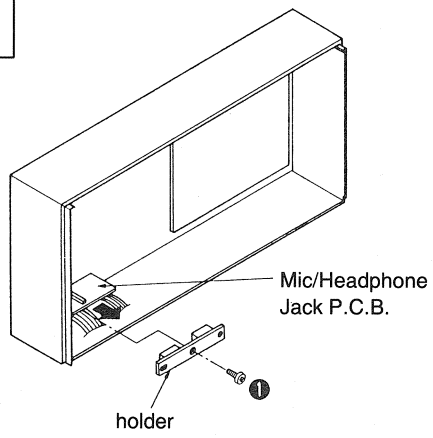
2. Remove 2 screws (❶, ❷).
3. Remove the front panel in the direction of arrow.

Ref. No. 3	Removal of the LED Drive P.C.B.
Procedure 1→2→3	



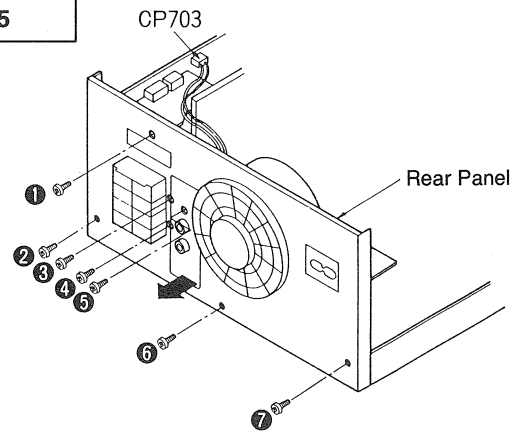
•Remove 3 screws (❶~❸).

Ref. No. 4	Removal of the Mic/ Headphones Jack P.C.B.
Procedure 4	



1. Remove the screw ❶.
2. Remove the holder.
3. Remove the mic/headphone jack P.C.B. in the direction arrow.

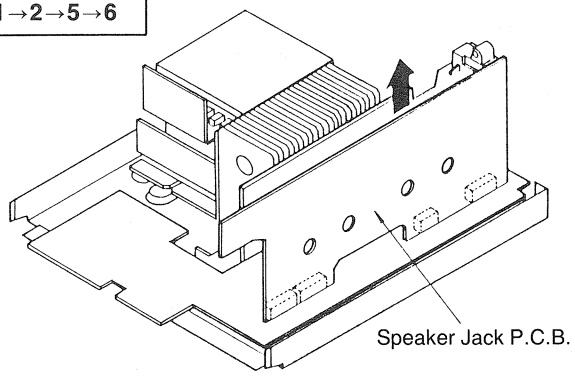
Ref. No. 5	Removal of the Rear Panel
Procedure 1→5	



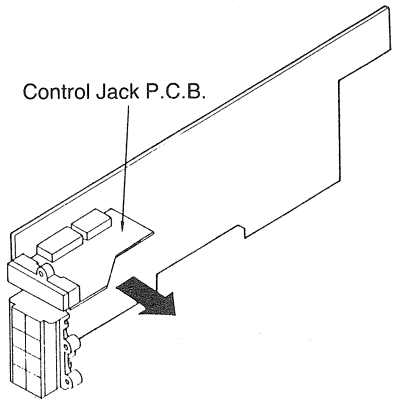
1. Release the connector (CP703).
2. Remove 7 screws (❶~❼).
3. Remove the rear panel in the direction of arrow.

Ref. No. 6	Removal of the Speaker Jack P.C.B. and Control Jack P.C.B.

Procedure 1→2→5→6



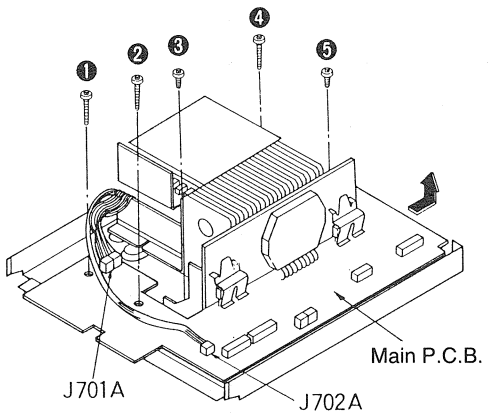
1. Remove the speaker jack P.C.B. in the direction arrow.



2. Remove the control jack P.C.B. in the direction arrow.

Ref. No. 7	Removal of the Main P.C.B.

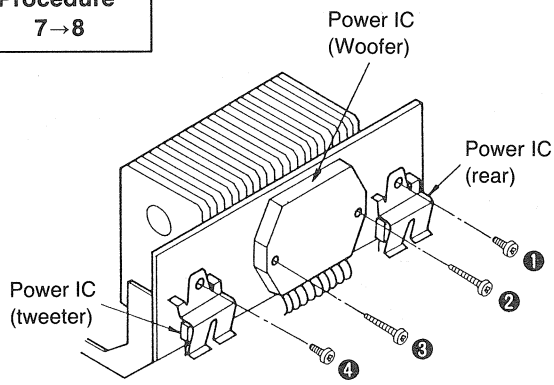
Procedure 1→2→5→6→7



1. Release the flat cable (J701A, J702A).
2. Remove 5 screws (❶~❺).

Ref. No. 8	Removal of the Power IC.

Procedure 7→8

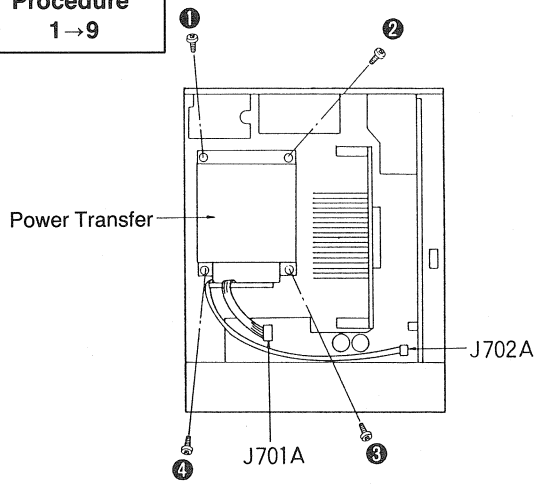


1. Unsolder the power IC.
2. Remove the 4 screws (❶~❹).

•When mounting the power IC or regulator transistor.
Apply silicone compound (SZZOL 15) to the rear side of power IC or regulator transistor.

Ref. No. 9	Removal of the Power Transfer.

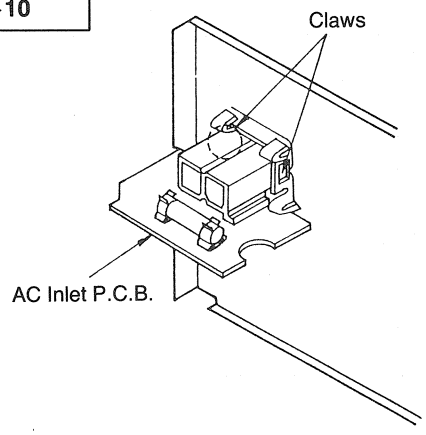
Procedure 1→9



1. Release the flat cable (J701A, J702A).
2. Remove the 4 screws (❶~❹).

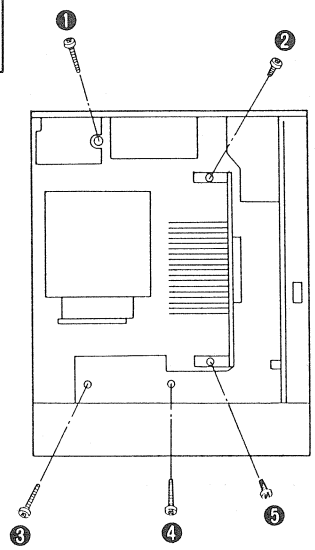
Ref. No. 10	Removal of the AC Inlet P.C.B.

Procedure 1→10

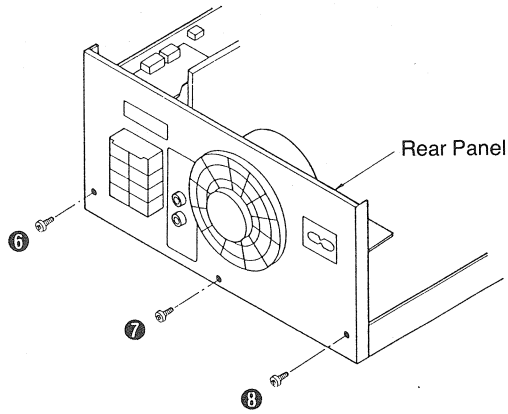


•Remove the 2 claws.

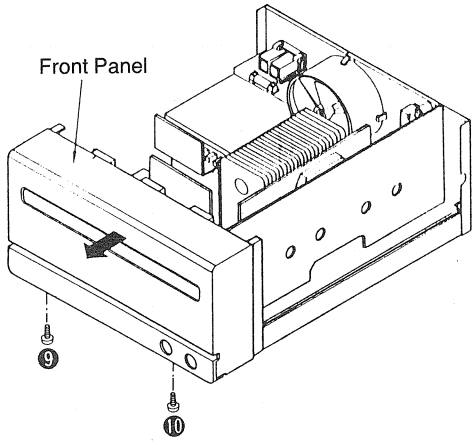
Ref. No. 11	Check the Main P.C.B.
Procedure 1→11	



1. Remove 5 screws (❶~❺).

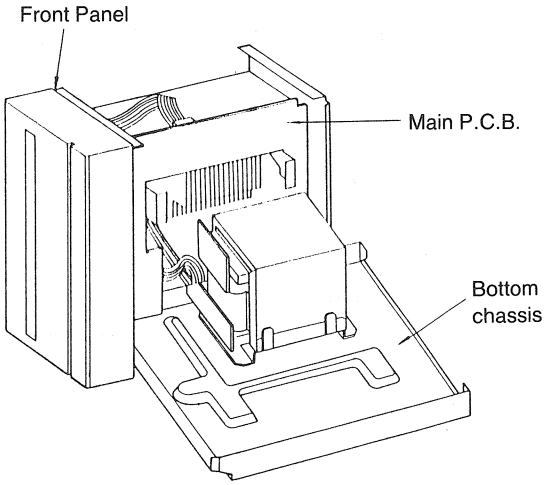


2. Remove 3 screws (❻~❽)



3. Remove 2 screws (❾, ❿).
4. Remove the front panel in the direction of the arrow.

Note:
Connect the flat cable to the connectors (J408A, J501A).



5. Remove the main C.B.A. from the bottom chassis.
6. Reinstall the front panel to the main P.C.B. and place the unit as shown above.

Ref. No. 12	Removal of the Fan Motor
Procedure 1→5→12	

1. Release the 3 claws. (See Fig. 1)
2. Insert a screwdriver at the root of the cooling fan. Force it out of the motor shaft. (See Fig. 2)

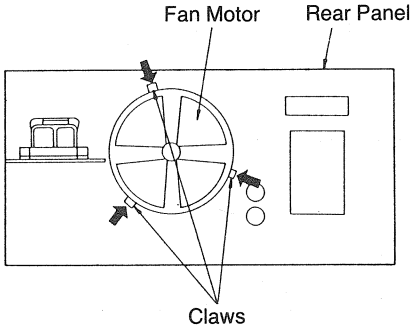


Fig. 1

3. Remove the motor cover. (See Fig. 3)
4. Remove the motor from the fan casing. (See Fig. 4)
5. When mounting the motor fan, align the fan casing's projection with the hole of the fan motor. (See Fig. 5)

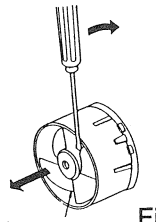


Fig. 2

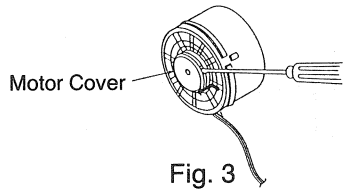


Fig. 3

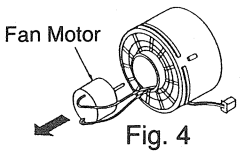


Fig. 4

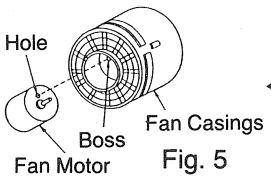
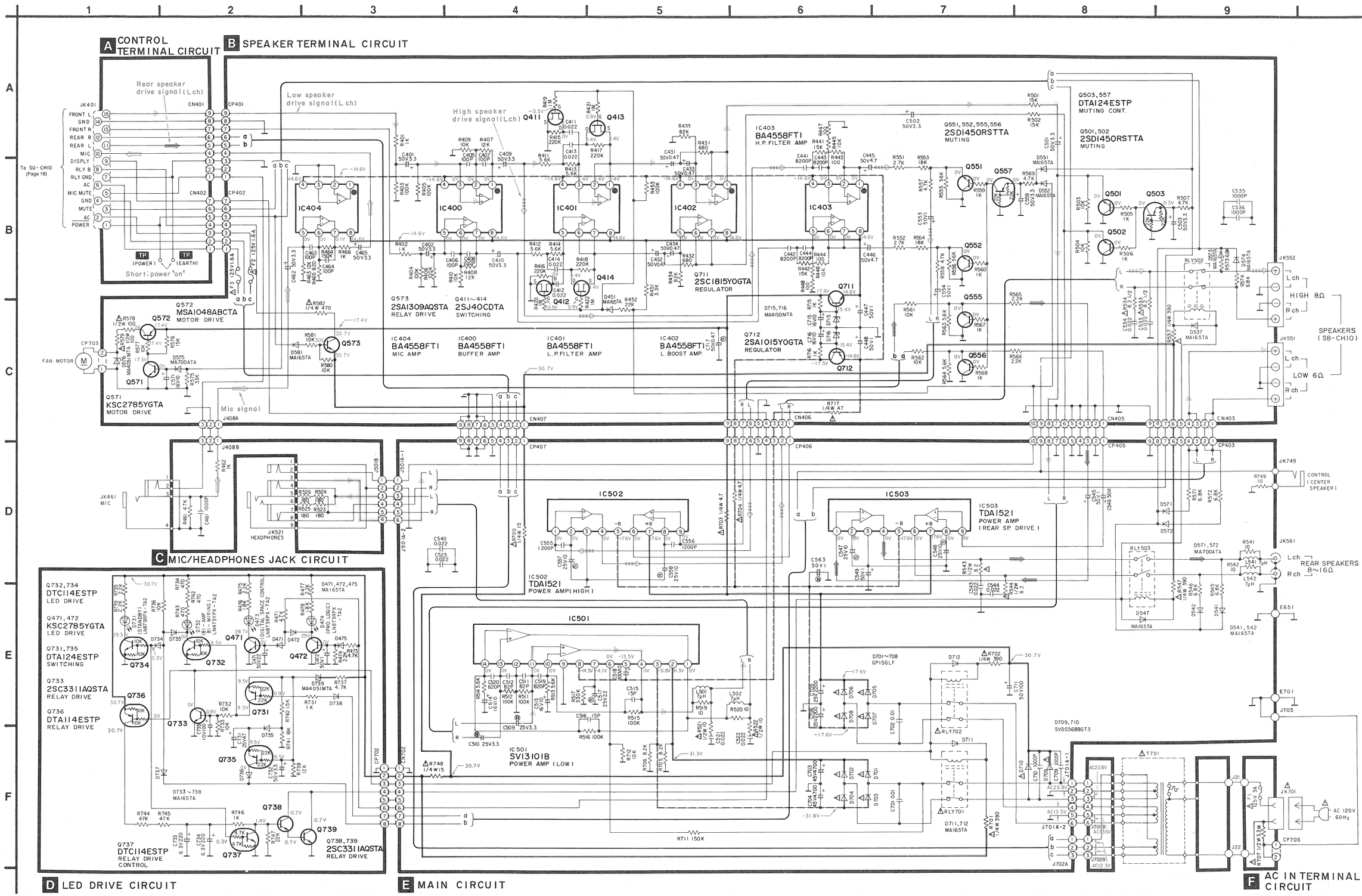


Fig. 5

SE-CH10 SE-CH10

SCHEMATIC DIAGRAM



Notes:

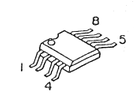
: Positiv
: Negati
: Woofe
: Rear s
: Microp
: Tweet

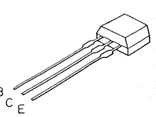
- Indicated voltage value measured by the DC e with the chassis taken some errors in the volt impedance of the DC c
- The supply parts numb parts list.

Ref. No.	Production
IC400 ~ IC404	BA455

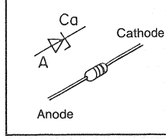
•Terminal guide o

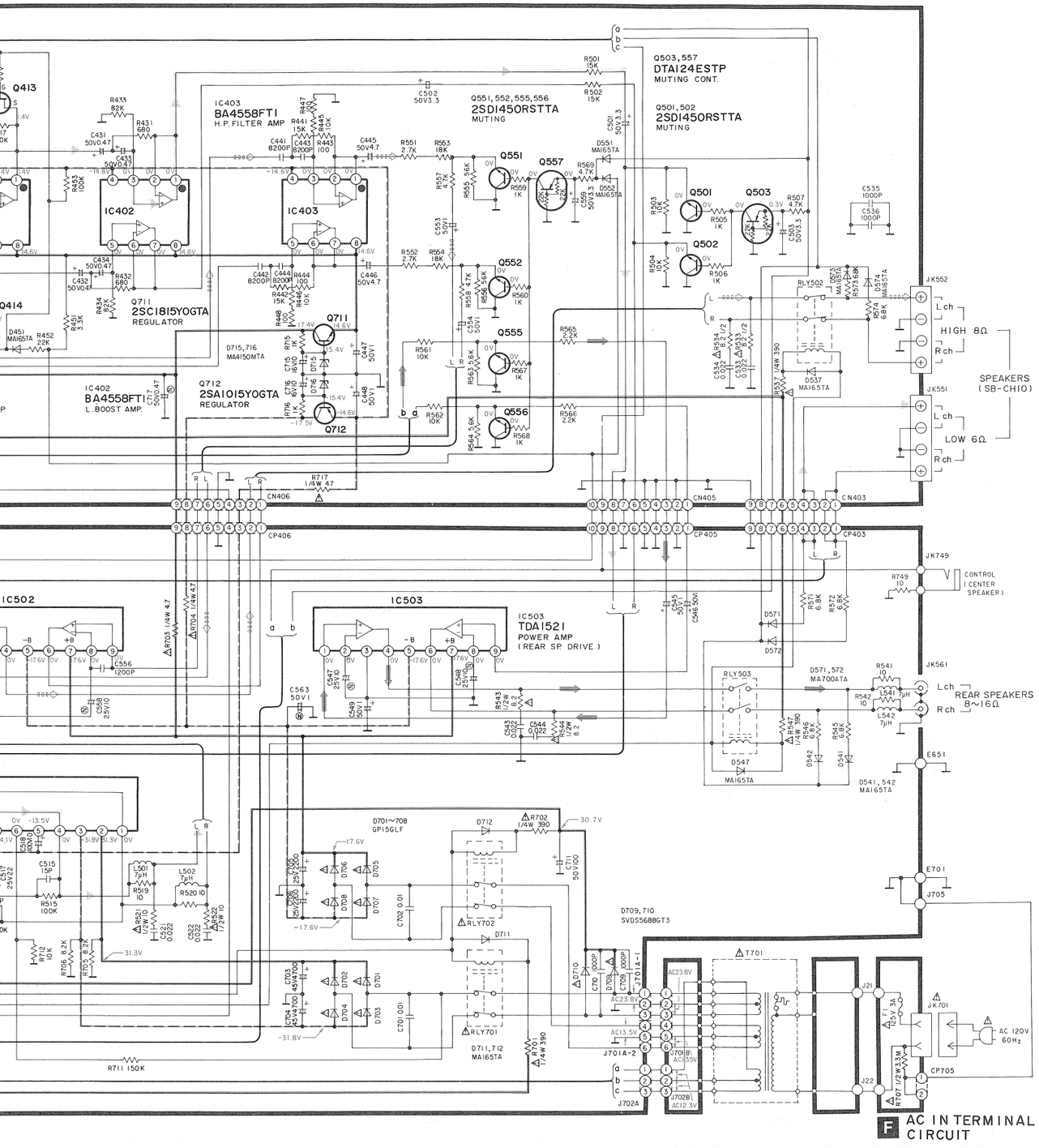
BA4558FT1





MA4150MTA





Notes:

: Positive voltage line
: Negative voltage line
: Woofer speaker drive (L ch) line
: Rear speaker drive (L ch) line
: Microphone signal
: Tweeter speaker drive (L ch) line

- Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
- The supply parts number is described alone in the replacement parts list.

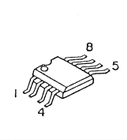
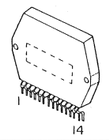
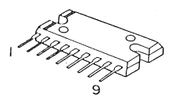
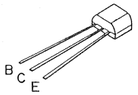
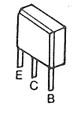
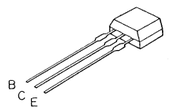
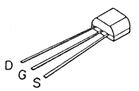
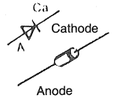
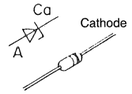
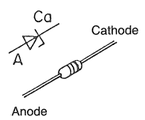
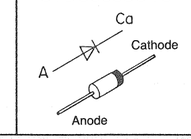
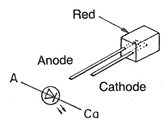
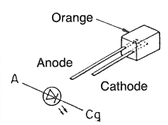
Ref. No.	Production Parts No.	Supply Parts No.
IC400 ~ IC404	BA4558FT1	SVIBA4558F

- Important safety notice:
  Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

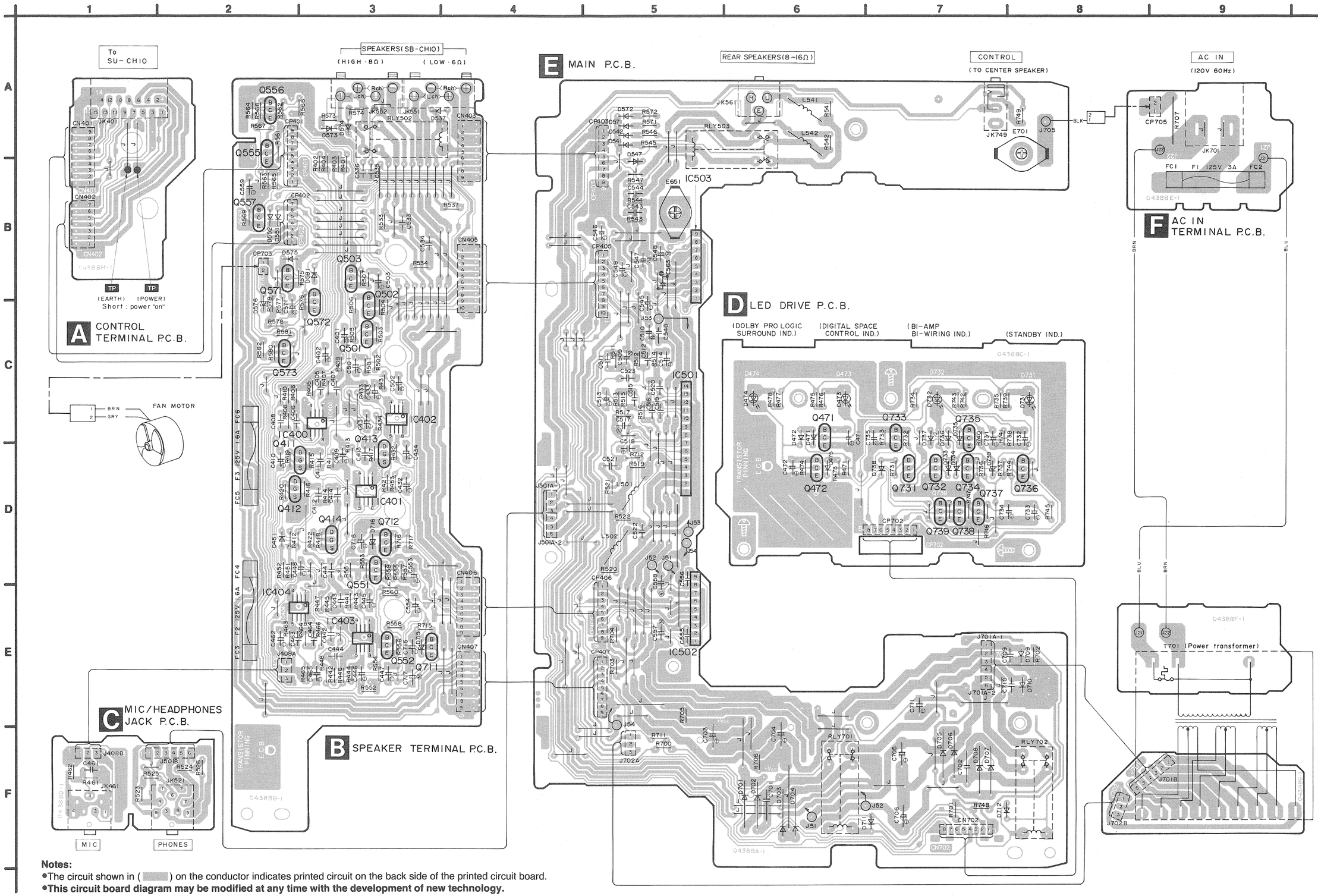
- **This schematic diagram may be modified at any time with the development of new technology.**

Caution!
IC and LSI are sensitive to static electricity.
- Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the word table.
- Do not touch the legs of IC or LSI with the fingers directly.

•Terminal guide of IC's, transistors and diodes.

BA4558FT1 	SVI3101B 	TDA1521 	MSA1048ABCTA KSC2785YGTA 		2SA1309AQSTA 2SC3311AQSTA 2SD1450RSTTA
	DTA114ESTP DTC114ESTP DTA124ESTP DTC124ESTP	2SJ40CDTA 	2SA1015Y0GTA 2SC1815Y0GTA	MA165TA MA700ATA 	MA4051MTA 
MA4150MTA 	GP15GLF SVDS5688GT3 	LN873RPX-TA2 	LN473YPX-TA2 		

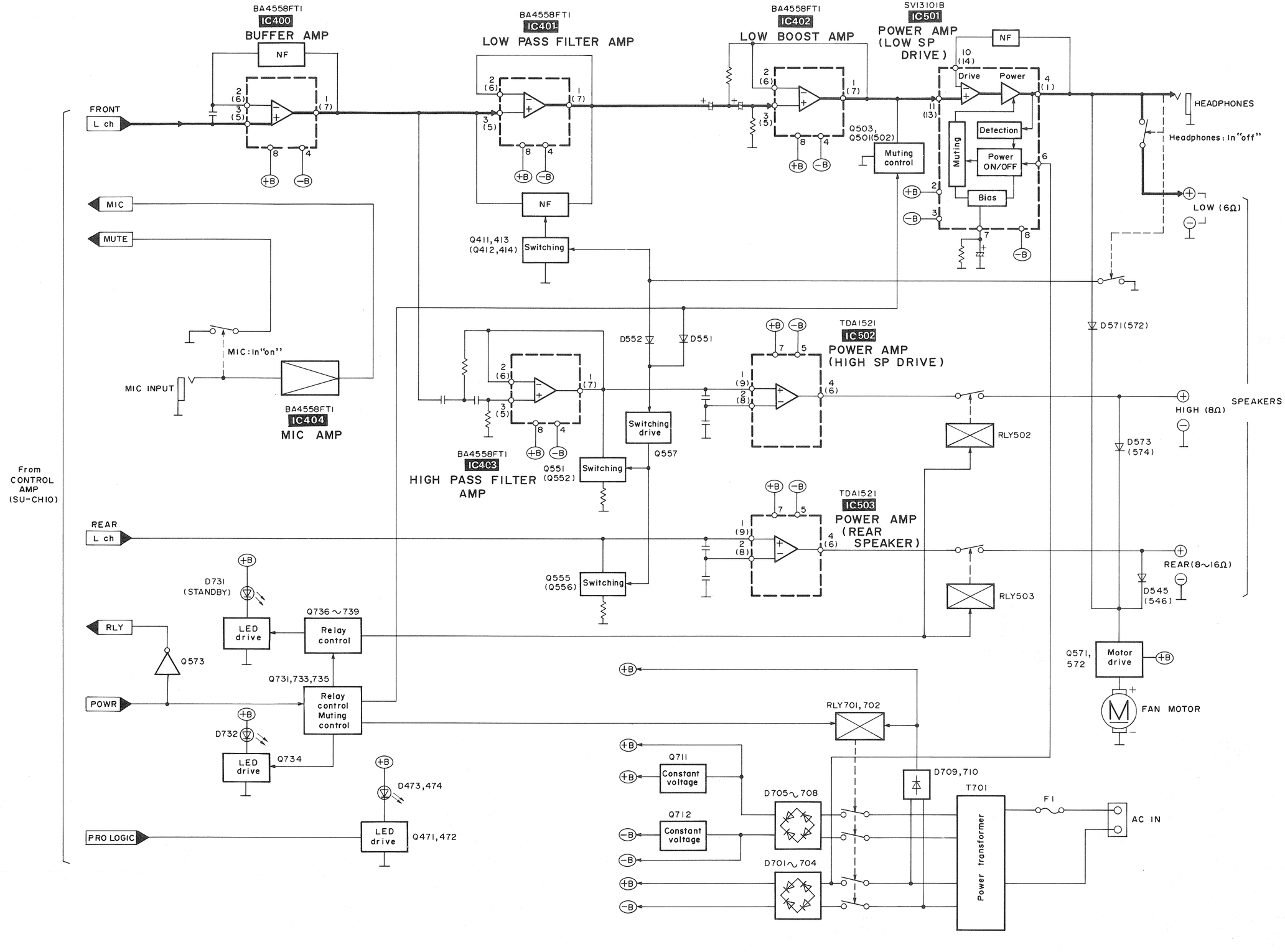
PRINTED CIRCUIT BOARDS AND WIRING CONNECTION DIAGRAM



Notes:

- The circuit shown in ( ) on the conductor indicates printed circuit on the back side of the printed circuit board.
- **This circuit board diagram may be modified at any time with the development of new technology.**

BLOCK DIAGRAM



REPLACEMENT PARTS LIST

Note : * Important safety notice:
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

Ref. No.	Part No.	Part Name & Description	Remarks
		INTEGRATED CIRCUIT(S)	
IC400	SVIBA4558F	IC, BUFFER AMP	
IC401	SVIBA4558F	IC, L. P. F. AMP	
IC402	SVIBA4558F	IC, SUPER BAS AMP	
IC403	SVIBA4558F	IC, H. P. F. AMP	
IC404	SVIBA4558F	IC, MIC AMP	
IC501	SVI3101B	IC, POWER AMP	
IC502	TDA1521	IC, POWER AMP	
IC503	TDA1521	IC, POWER AMP	
		TRANSISTOR(S)	
Q411-414	2SJ40CDTA	TRANSISTOR	
Q471, 472	KSC2785YGTA	TRANSISTOR	
Q501, 502	2SD1450RTA	TRANSISTOR	
Q503	DTA124ESTP	TRANSISTOR	
Q551, 552	2SD1450RTA	TRANSISTOR	
Q555, 556	2SD1450RTA	TRANSISTOR	
Q557	DTA124ESTP	TRANSISTOR	
Q571	KSC2785YGTA	TRANSISTOR	
Q572	MSA1048ABCTA	TRANSISTOR	
Q573	2SA1309A-R	TRANSISTOR	
Q711	2SC1815Y0GTA	TRANSISTOR	
Q712	2SA1015Y	TRANSISTOR	
Q731	DTA124ESTP	TRANSISTOR	
Q732	DTC114ESTP	TRANSISTOR	
Q733	2SC3311A-Q	TRANSISTOR	
Q734	DTC114ESTP	TRANSISTOR	
Q735	DTA124ESTP	TRANSISTOR	
Q736	DTA114ESTP	TRANSISTOR	
Q737	DTC114ESTP	TRANSISTOR	
Q738, 739	2SC3311A-Q	TRANSISTOR	
		DIODE(S)	
D451	MA165	DIODE	
D471, 472	MA165	DIODE	
D473, 474	LN873RPX-TA2	DIODE	
D475	MA165	DIODE	
D537	MA165	DIODE	
D541, 542	MA165	DIODE	
D547	MA165	DIODE	
D551, 552	MA165	DIODE	
D571, 572	MA700	DIODE	
D573, 574	MA165	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D575	MA700	DIODE	
D576	MA4051MTA	DIODE	
D581	MA165	DIODE	
D701-708	GP15GLF	DIODE	⚠
D709, 710	SVDS5688GT3	DIODE	⚠
D711, 712	MA165	DIODE	
D715, 716	MA4150M	DIODE	
D731	LN873RPX-TA2	DIODE	
D732	LN473YPX-TA2	DIODE	
D733-738	MA165	DIODE	
D739	MA4051MTA	DIODE	
		COIL(S)	
L501, 502	SLQY07G-40	COIL	
L541, 542	SLQY07G-40	COIL	
		TRANSFORMER(S)	
T701	RTP1N5P003-V	POWER TRANSFORMER	⚠
		FUSE(S)	
F1	XBA1F30NU14	FUSE 125V, 3A	⚠
F2, 3	XBA1F16NU14	FUSE 125V, 1.6A	⚠
		CONNECTOR(S)	
J408A	RJS1A1703	CONNECTOR(3PIN)	
J501A-1	RJS1A1703	CONNECTOR(3PIN)	
J501A-2	RJS1A1703	CONNECTOR(3PIN)	
J701A-1	RJS1A1703	CONNECTOR(3PIN)	
J701A-2	RJS1A1703	CONNECTOR(3PIN)	
J702A	RJS1A1703	CONNECTOR(3PIN)	
CN401	RJU057W009	CONNECTOR(9PIN)	
CN402	RJU057W007	CONNECTOR(7PIN)	
CN403	RJU057W009	CONNECTOR(9PIN)	
CN405	RJU057W010	CONNECTOR(10PIN)	
CN406, 407	RJU057W009	CONNECTOR(9PIN)	
CN702	RJU003K008M1	CONNECTOR(8PIN)	
CP401	RJT057W009-1	CONNECTOR(9PIN)	
CP402	RJT057W007-1	CONNECTOR(7PIN)	
CP403	RJT057W009-1	CONNECTOR(9PIN)	
CP405	RJT057W010-1	CONNECTOR(10PIN)	
CP406, 407	RJT057W009-1	CONNECTOR(9PIN)	
CP702	RJT003K008M1	CONNECTOR(8PIN)	
CP703	SJT3213	CONNECTOR(2PIN)	

Ref. No.	Part No.	Part Name & Description	Remarks
CP705	SJT3213	CONNECTOR (2PIN)	
		FUSE HOLDER (S)	
FC1-6	RJR0011	FUSE HOLDER	⚠
		RELAY (S)	
RLY502, 503	SSY134	RELAY	
RLY701, 702	SSY134	RELAY	⚠
		JACK (S)	
JK401	RJT055W015	CONNECTOR (WHITE)	
JK461	RJJD7S2YA-C	MIC	
JK521	RJJ39T01	HEADPHONES	
JK551	RJR0054B	SPEAKER (LOW)	
JK552	RJR0054C	SPEAKER (HIGH)	
JK561	SJF3068N	REAR SPEAKER	
JK701	SJVD0203B	AC IN	⚠
JK749	RJJ33T01	CONTROL	

Notes : * Capacity valuse are in microfarads (uF) unless specified otherwise, P=Pico-farads(pF) F=Farads(F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000(OHM) , 1M=1,000k(OHM)

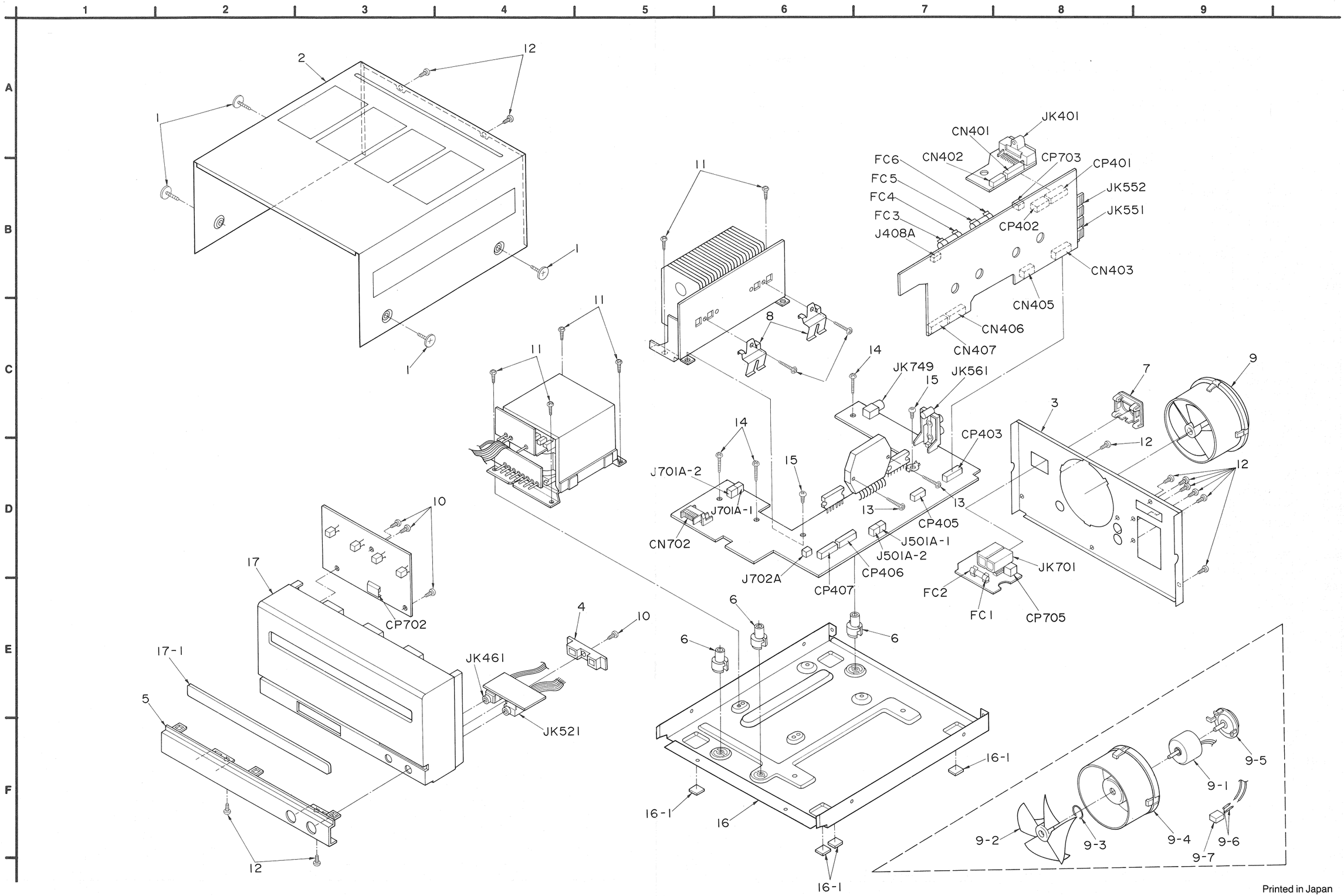
Ref. No.	Part No.	Values & Remarks
		RESISTORS
R401, 402	ERDS2TJ102	1/4W 1K
R403-406	ERDS2TJ104	1/4W 100K
R407, 408	ERDS2TJ123	1/4W 12K
R409, 410	ERDS2TJ103	1/4W 10K
R411-414	ERDS2TJ562	1/4W 5.6K
R415-418	ERDS2TJ224T	1/4W 220K
R419-422	ERDS2TJ105T	1/4W 1M
R431, 432	ERDS2TJ681	1/4W 680
R433, 434	ERDS2TJ823T	1/4W 82K
R441, 442	ERDS2TJ153	1/4W 15K
R443, 444	ERDS2TJ101	1/4W 100
R445, 446	ERDS2TJ103	1/4W 10K
R447, 448	ERDS2TJ101	1/4W 100
R451	ERDS2TJ332	1/4W 3.3K
R452	ERDS2TJ223	1/4W 22K
R453	ERDS2TJ104	1/4W 100K
R461	ERDS2TJ473	1/4W 47K
R462	ERDS2TJ102	1/4W 1K
R463	ERDS2TJ123	1/4W 12K
R464	ERDS2TJ154	1/4W 150K
R465	ERDS2TJ821	1/4W 820
R466	ERDS2TJ102	1/4W 1K
R471	ERDS2TJ472	1/4W 4.7K
R473	ERDS2TJ472	1/4W 4.7K
R474, 475	ERDS2TJ222	1/4W 2.2K
R476	ERDS2TJ182	1/4W 1.8K
R477	ERDS2TJ222	1/4W 2.2K
R478	ERDS2TJ182	1/4W 1.8K
R501, 502	ERDS2TJ153	1/4W 15K
R503, 504	ERDS2TJ103	1/4W 10K
R505, 506	ERDS2TJ102	1/4W 1K
R507	ERDS2TJ472	1/4W 4.7K
R511, 512	ERDS2TJ104	1/4W 100K
R513, 514	ERDS2TJ562	1/4W 5.6K
R515, 516	ERDS2TJ104	1/4W 100K
R517	ERDS2TJ334	1/4W 330K
R519, 520	ERDS2TJ100	1/4W 10
R521, 522⚠	ERDS1FVJ100T	1/2W 10
R523-526	ERDS2TJ181T	1/4W 180
R533, 534⚠	ERDS1FVJ8R2T	1/2W 8.2
R537 ⚠	ERD25FVJ391T	1/4W 390
R541, 542	ERDS2TJ100	1/4W 10
R543, 544⚠	ERDS1FVJ8R2T	1/2W 8.2

Ref. No.	Part No.	Values & Remarks
R545, 546	ERDS2TJ682T	1/4W 6.8K
R547 ⚠	ERD25FVJ391T	1/4W 390
R551, 552	ERDS2TJ272T	1/4W 2.7K
R553, 554	ERDS2TJ183T	1/4W 18K
R555, 556	ERDS2TJ563	1/4W 56K
R557, 558	ERDS2TJ472	1/4W 4.7K
R559, 560	ERDS2TJ102	1/4W 1K
R561, 562	ERDS2TJ103	1/4W 10K
R563, 564	ERDS2TJ562	1/4W 5.6K
R565, 566	ERDS2TJ222	1/4W 2.2K
R567, 568	ERDS2TJ102	1/4W 1K
R569	ERDS2TJ472	1/4W 4.7K
R571-574	ERDS2TJ682T	1/4W 6.8K
R575	ERDS2TJ333	1/4W 33K
R576	ERDS2TJ153	1/4W 15K
R577	ERDS2TJ103	1/4W 10K
R578, 579⚠	ERDS1FVJ101T	1/2W 100
R580, 581	ERDS2TJ103	1/4W 10K
R582 ⚠	ERD25FJ471	1/4W 470
R700 ⚠	ERD25FVJ150T	1/4W 15
R701, 702⚠	ERD25FVJ391T	1/4W 390
R703, 704⚠	ERD25FVJ4R7T	1/4W 4.7
R705, 706	ERDS2TJ822	1/4W 8.2K
R707 ⚠	ERC12ZGK335	1/2W 3.3M
R711	ERDS2TJ154	1/4W 150K
R712	ERDS2TJ103	1/4W 10K
R715, 716	ERDS2TJ102	1/4W 1K
R717 ⚠	ERD25FVJ470T	1/4W 47
R731	ERDS2TJ102	1/4W 1K
R732, 733	ERDS2TJ103	1/4W 10K
R734	ERDS2TJ471	1/4W 470
R735	ERDS2TJ222	1/4W 2.2K
R736	ERDS2TJ103	1/4W 10K
R737	ERDS2TJ472	1/4W 4.7K
R738	ERDS2TJ123	1/4W 12K
R739	ERDS2TJ222	1/4W 2.2K
R740	ERDS2TJ152	1/4W 1.5K
R741	ERDS2TJ183T	1/4W 18K
R742, 743	ERDS2TJ471	1/4W 470
R744, 745	ERDS2TJ473	1/4W 47K
R746	ERDS2TJ102	1/4W 1K
R747	ERDS2TJ223	1/4W 22K
R748 ⚠	ERD25FVJ150T	1/4W 15
R749	ERDS2TJ100	1/4W 10
		CAPACITORS
C401, 402	ECEA1HPS3R3	50V 3.3U
C405-408	ECBT1H101KB5	50V 100P

Ref. No.	Part No.	Values & Remarks
C409, 410	ECEA1HPS3R3	50V 3.3U
C411-414	ECFR1E223KR	25V 0.022U
C431-434	ECEA1HUR47B	50V 0.47U
C441-444	ECFR1E822KR	25V 8200P
C445, 446	ECEA1HU4R7	50V 4.7U
C447, 448	ECEA1HK010B	50V 1U
C461	ECBT1H102KB5	50V 1000P
C462	ECEA1HPS3R3	50V 3.3U
C463, 464	ECBT1H101KB5	50V 100P
C465	ECEA1HPS3R3	50V 3.3U
C471	ECEA1HK220B	50V 22U
C472	ECEA1HK010B	50V 1U
C501, 502	ECEA1HPS3R3	50V 3.3U
C503	ECEA1HK3R3	50V 3.3U
C509, 510	ECEA1ESN3R3B	25V 3.3U
C511, 512	ECBT1H820KB5	50V 82P
C513, 514	ECEA1CPS100	16V 10U
C515, 516	ECBT1H150J5	50V 15P
C517	ECEA1EN220SB	25V 22U
C518	ECEA2AU100	100V 10U
C519, 520	ECBT1H821KB5	50V 820P
C521-523	ECKR1H223ZF	50V 0.022U
C533, 534	ECKR1H223ZF	50V 0.022U
C535, 536	ECBT1H102KB5	50V 1000P
C540	ECBT1E223ZF	25V 0.022U
C543, 544	ECKR1H223ZF	50V 0.022U
C545, 546	ECEA1HPS010	50V 1U
C547, 548	ECEA1EN100SB	25V 10U
C549	ECEA1HK010B	50V 1U
C553, 554	ECEA1HPS010	50V 1U
C555, 556	ECBT1C122KR5	16V 1200P
C557, 558	ECEA1EN100SB	25V 10U
C559	ECEA1HK3R3	50V 3.3U
C563	ECEA1HKN010B	50V 1U
C571	ECEA1CK100B	16V 10U
C701, 702	ECKW2H103PE	500V 0.01U
C703, 704	ECEA45V472YE	45V 4700U
C705, 706	ECEA1EU222	25V 2200U
C709, 710	ECKR2H102ZF5	500V 1000P
C711	ECEA1HU101	50V 100U
C715, 716	ECEA1CK100B	16V 10U
C717	ECEA1HNR47SB	50V 0.47U
C731	ECEA1EK470B	25V 47U
C732	ECEA1HK3R3	50V 3.3U
C733, 734	ECEA0JK221B	6.3V 220U
C735	ECEA1AK101	10V 100U

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET PARTS	
1	RHD30007	SCREW	
2	RKM0105A-1K	CABINET	
3	RGR0095A-B1	REAR PANEL	
4	RMN0089	ANGLE	
5	RGG0050-K	PANEL	
6	SHE187-2	SPACER	
7	SJVD0204A	COVER	
8	SUS894-1	HOLDER	
9	SYE1128-3	ELECTRIC FAN	
9-1	MDN-4RB4MRC	MOTOR	
9-2	SHE232	FAN	
9-3	SUS271	SPRING	
9-4	SHE233	CASE	
9-5	SHE234	COVER	
9-6	SJT783	TERMINAL	
9-7	SJS5215	SOCKET(2PIN)	
10	XTBS26+8J	SCREW	
11	XTBS3+8FFZ1	SCREW	
12	XTBS3+8JFZ1	SCREW	
13	XTB3+16JFZ	SCREW	
14	XTB3+20JFZ	SCREW	
15	XTB3+8JFZ	SCREW	
16	RFKJECH10N-K	BOTTOM PANEL	
16-1	SHG1654	RUBBER	
17	RFKGECH10P-K	FRONT PANEL	
17-1	RKW0114-1	FL PANEL	

CABINET PARTS LOCATION



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